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| Substitute for Form 1449 A & B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | <i>Complete if Known</i> | |
| | | | | Application Number | [case serial number] |
| | | | | Confirmation Number | Not Assigned |
| | | | | Filing Date | April 16, 2004 |
| | | | | First Named Inventor | Georg BASTIAN |
| | | | | Art Unit | Not Assigned |
| | | | | Examiner Name | Not Assigned |
| Sheet 1 of 1 | | | | Attorney Docket Number | Q80758 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|-----------------|--------------------------------------|-----------------------------|---|
| Examiner Initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
| | | Number | Kind Code ² (if known) | | |
| QMAO | | US 4,786,140 | A | 11/22/1998 | Melman |
| QMAO | | US 6,483,633 | B2 | 11/19/2002 | Okuno |
| | | US | | | |
| | | US | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|-----------------------|---------------------------|---------------------|--------------------------------------|-----------------------------|---|--------------------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation ⁶ |
| | | Country Code ³ | Number ⁴ | Kind Code ⁵ (if known) | | | |
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| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|--|--------------------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation ⁶ |
| QMAO | | K. Suto et al, "Semiconductor Raman Amplifier for Terahertz Bandwidth Optical Communication", JOURNAL OF LIGHTWAVE TECHNOLOGY, IEEE, New York, US, Vol. 20, No. 4, April 2002, pp. 705-711, XP001130032 | Yes |
| | | K. Suto et al, "Raman amplification in GaP-AlxGal-xP waveguides for light frequency discrimination", IEE PROCEEDINGS: OPTOELECTRONICS, INSTITUTION OF ELECTRICAL ENGINEERS, Stevenage, GB, Vol. 145, No. 2, April 20, 1998, pp. 105-108, XP006011337 | Yes |
| | | T. Saito et al, "Gain of High-Intensity Pulse -Pumped Gap-Algap Waveguide Raman Amplifier", IEE PROCEEDINGS: OPTOELECTRONICS, INSTITUTION OF ELECTRICAL ENGINEERS, Stevenage, GB, Vol. 146, No. 5, October 1999, pp. 209-212, XP000928397 | Yes |
| QMAO | | R. Claps et al, "Stimulated Raman scattering in silicon waveguides", ELECTRONICS LETTERS, IEE, Stevenage, GB, Vol. 38, No. 22, October 24 200, pp. 1352-1354, XP006019142 | Yes |
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| Examiner Signature | Mark Heller | Date Considered | 10/14/2005 |
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